## CALLAN ASSOCIATES



October 12, 2006

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Alaska Retirement Management Board State of Alaska, Department of Revenue Treasury Division 333 Willoughby Avenue, 11th Floor Juneau, AK 99801

**Dear Board Members:** 

This letter reviews the investment performance of the Alaska Retirement Management Board (ARMB) for the fiscal year ended June 30, 2006.

Callan Associates Inc. (Callan) independently calculates time-weighted performance statistics based on underlying custodial data provided by the Board's custodian, State Street Bank and Trust Company. The performance calculations were made using a time-weighted return methodology based upon market values. Callan Associates Inc. serves as ARMB's independent general investment consultant and evaluates the Board's performance in relation to market benchmarks, appropriate manager peer groups and other public pension systems. The performance calculations were made in compliance with Global Investment Performance Standards.

ARMB's primary investment objective is to prudently and expertly invest assets, in accordance with governing law and industry practices, in a manner that will help ensure assets under supervision are sufficient to pay promised benefits to its members and their beneficiaries. In pursuit of this objective, the ARMB periodically evaluates liabilities, expected contributions, and potential earnings. This analysis is used to consider a wide range of potentially viable investment strategies. The Board selects a strategic investment policy that balances long-term growth potential and acceptable risk. A policy benchmark is constructed that mirrors the Board's strategic asset allocation policy. This policy benchmark is a custom index comprised of equity, fixed income, real estate and other market indices weighted in the same proportions as ARMB's investment policy.

Fiscal year 2006 was a year of good progress for domestic equity and strong performance by international stocks. The Russell 3000 Index, a measure of the broad U.S. equity market achieved a solid return of 9.56%. International stocks, as measured by the MSCI EAFE Index, posted an exceptional overall return of 26.56%. Interest rate increases hurt bond prices and performance. The Lehman Aggregate Bond Index, a widely used measure of the investment grade domestic bond market, suffered a small negative return of 0.81%. Equity real estate enjoyed another strong year with returns of more than 18%.

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For the fiscal year, the Public Employees' Retirement System (PERS) had a time-weighted total return of 11.74% and the Teachers' Retirement System (TRS) had a time-weighted total return of 11.78%. Both Systems exceeded their strategic policy benchmark target return of 10.38% and ranked in the 22nd and 21st percentile respectively of Callan's Public Fund database. The policy benchmark was largely unchanged during the year. Over the trailing 3-year period, a span that includes three years of recovering equity market returns, PERS and TRS have achieved annualized returns of 11.90% and 11.93% respectively. These results were slightly better than the policy target index return of 11.63% and also above the Callan Public Fund database median. These results have largely offset the weak returns experienced during the fiscal 2001-2003 period. Over the longest period for which Callan has detailed data (14 3/4 years), PERS and TRS have achieved annualized total returns of 8.89% and 8.96% respectively while the policy benchmark return for the same span was 8.83%.

Both systems are well diversified and currently have asset allocation policies that, in our opinion, are slightly more conservative than that of the average public fund.

In summary, fiscal 2006 was another strong year that helps demonstrate the wisdom of broad diversification across multiple asset classes.

Sincerely,

Michael J. O'Leary, Jr., CFA Executive Vice President

Casey Colton

Clay Cummins

Nicholas Orr

Ryan Bigelow

Bree Simpson

## **Department of Revenue Treasury Division** Staff

Commissioner William Corbus

**Chief Investment Officer** 

Gary Bader

**Deputy Commissioner** 

Tomas Boutin

Comptroller

Susan Taylor, CPA

**Cash Management** 

Michelle M. Prebula, MBA, CPA, CCM

**Investment Officers** 

Bob G. Mitchell Stephen R. Sikes Philip Bartlett Zachary Hanna Victor Diaialie

James McKnight

**ARMB Liaison Officer** 

Judy Hall

## **External Money Managers and Consultants**

#### **Investment Consultants**

Callan Associates, Inc. Denver, CO The Townsend Group San Francisco, CA

#### **Investment Advisory Council**

William Jennings Colorado Springs, CO Jerrold Mitchell Wayland, MA George Wilson Boston, MA

#### **Absolute Return**

Cadogan Management, LLC New York, NY Crestline Investors, Inc. Fort Worth, TX Mariner Investment Group, Inc. Harrison, NY

#### **Domestic Fixed-Income**

BlackRock Financial Management, Inc. New York, NY

#### **Domestic Equity Large Capitalization**

Capital Guardian Trust Co. Los Angeles, CA **Dresdner RCM Global Investors** San Francisco, CA McKinley Capital Management, Inc. Anchorage, AK

Relational Investors LLC San Diego, CA Tukman Capital Management, Inc.

San Francisco, CA

#### **Domestic Equity Small Capitalization**

Jennison Associates LLC New York, NY Lord Abbett & Co. Jersey City, NJ Luther King Capital Management Fort Worth, TX Trust Company of the West New York, NY Turner Investment Partners, Inc. Berwyn, PA

#### **Domestic Equity Index Fund**

State Street Global Advisors Boston, MA

#### **Emerging Markets**

Capital Guardian Trust Co. Los Angeles, CA J.P. Morgan Fleming Asset Management, Inc. New York, NY

#### **Global Equity**

Lazard Freres Asset Management New York, NY

### External Money Managers and Consultants (con't)

#### **High Yield**

ING Investment Management
Hartford, CT
MacKay Shields LLC
New York, NY

#### International Equity - EAFE

Brandes Investment Partners, L.P. San Diego, CA
Capital Guardian Trust Co.
Los Angeles, CA

#### **International Fixed-Income**

Mondrian Investment Partners London, England

#### **Private Equity**

Abbott Capital Management, L.P.

New York, NY

Blum Capital Partners

San Francisco, CA

Pathway Capital Management, LLC

Irvine, CA

#### Real Estate - Agriculture

Hancock Agricultural Investment Group Boston, MA UBS AgriVest, LLC Hartford, CT

#### Real Estate – Commingled Funds

Cornerstone Real Estate Advisers, LLC Hartford, CT Coventry Real Estate Fund II, LLC New York, NY Heitman Capital Management Chicago, IL **ING Clarion Partners** New York, NY J.P. Morgan Investment Management Inc. New York, NY Lehman Brothers Real Estate Partners New York, NY Lowe Hospitality Investment Partners, LLC Los Angeles, CA Sentinel Real Estate Corporation New York, NY UBS Realty Investors, LLC Hartford, CT

#### **Real Estate – Core Separate Accounts**

Cornerstone Real Estate Advisers, Inc.

Hartford, CT

LaSalle Investment Management

Chicago, IL

Sentinel Real Estate Corporation

New York, NY

UBS Realty Investors, LLC

San Francisco, CA

#### Real Estate - Value Added Separate Accounts

Invesco Realty Advisors

Dallas, TX

Lowe Enterprises Investment Management Inc.

Los Angeles, CA

#### **Independent Auditors**

KPMG LLP Anchorage, AK

#### **Legal Counsel**

Wohlforth, Johnson, Brecht, Cartledge & Brooking *Anchorage, AK* 

## Teachers' Retirement System Investment Report

The Investment Report was prepared by the State of Alaska, Department of Revenue, Treasury Division.

The basis of presentation for the data reported in the investment section is in accordance with the Association for Investment Management and Research (AIMR) Performance Presentation Standards.

#### **INVESTMENTS**

The State of Alaska Teachers' Retirement System's (TRS) investment goals are the long-term return and sustainability of the pension funds under management. Near-term market fluctuations are integrated into the overall outlook of the fund guidelines. Annually, the Alaska Retirement Management Board (ARMB) sets its asset allocation strategy in order to reflect changes in the marketplace while still retaining an optimal risk/return level within the set constraints and objectives of the ARMB.

During the 2006 fiscal year<sup>1</sup>, ARMB's asset allocation was 36% domestic equities, 15% international equities, 24% domestic fixed-income, 2% international fixed-income, 9% real estate, 6% private equity, 3% absolute return, 2% high yield fixed-income, and 3% other (farmland and energy).

For the 2006 fiscal year, TRS investments generated a 11.78% rate of return. The TRS annualized rate of return was 6.56% over the last five years. The annualized rate of return over the last fourteen and three-quarter years has been 8.96%.

#### **INVESTMENT OVERVIEW**

The diversification of the TRS investment portfolio continued to protect overall returns. For the 2006 fiscal year, the real estate portfolio gained 18.58% and the international equity portfolio gained 28.80%. The U.S equity portfolio generated a 9.23% return up from 4.48% the previous year.

#### **EQUITIES**

The Total Domestic Equity Pool is diversified across large cap value, large cap growth, core, small cap value and small cap growth equity styles so as to gain broad market exposure. For the 2006 fiscal year, the fund posted a return of 9.23%. This was less than the target return of 9.67%. The annualized domestic equity return for the five-year period was 2.44% from a negative 1.93% in the 2005 fiscal year. Investment guidelines for all asset classes are approved by ARMB and govern investment objectives, program risk management and implementation, procedures for investment, and other operational requirements. Equity investment guidelines include policies with regard to the types of permissible equity investments, limitations on holding and investment of cash, proxy voting, and restrictions/prohibitions on the use of leverage and derivatives.

Within the International Equity pool the non-U.S. equity style managers invest their assets only in non-U.S. equity securities. This style group excludes regional and index funds. The International Equity pool return was 28.80% which was greater than the target return of 26.56%. The international equity return for the five-year period was 11.21% from 1.87% in fiscal year 2005.

#### **FIXED-INCOME**

The domestic fixed-income portfolio represented 21.7% of the total assets of TRS as of June 30, 2006. The fixed-income portfolio uses a coreoriented strategy investing in U.S. Treasury securities, U.S. Government Agency securities, investment-grade corporate bonds, and mortgage-backed securities. The benchmark for the TRS bond portfolio is the Lehman Brothers Aggregate Bond Index. Fixed-income investment guidelines include policies with regard to duration, credit quality, sector concentration, issue concentration, and company concentration.

<sup>&</sup>lt;sup>1</sup> July 1, 2005 - June 30, 2006

## Teachers' Retirement System Investment Report

Over the 2006 Fiscal Year, the TRS domestic bond portfolio gained 0.06%, down from 7.10% the year before. The Lehman Brothers Aggregate Bond Index returned a negative 0.81%, versus 6.80% during 2005 fiscal year. The annualized domestic fixed-income return for the five-year period was 5.24% from 7.63% in the 2005 fiscal year.

The international fixed-income portfolio, which represented about 2.1% of the total assets of TRS, returned a negative 0.26% over the 2006 fiscal year, compared with a negative 0.01% posted by the Salomon Brothers Non U.S. Government Index. The annualized international fixed-income return for the five-year period was 12.43% from 11.19% in the 2005 fiscal year. International fixed-income guidelines include policies with regard to duration, credit quality, sector concentration, issue concentration, company concentration, country restrictions, and currency hedging.

During the 2005 fiscal year TRS began investing in the High Yield Sector of the U.S. Fixed-ncome Market. High yield fixed-income guidelines include policies with regard to duration, credit quality, geographic concentration, sector concentration, issuer concentration, and restrictions/prohibitions on the use of leverage and derivatives. The High Yield portfolio, which represented 1.6% of the total assets of TRS, returned 5.55% over the 2006 fiscal year. This was more than the target return of 4.65%.

#### **REAL ESTATE**

At the end of the 2006 fiscal year, TRS had 10.3% of its portfolio invested in real estate. The portfolio is primarily invested in specific institutional properties geographically diversified across the U.S. Property types include apartments, office, industrial, and retail. The portfolio is also invested in value-added real estate funds and real estate investment trust (REIT) equity securities. Investing in real estate helps diversify the overall portfolio due to its low correlation to stocks and bonds. Real estate adds a

stable source of income and provides a degree of inflation hedge. Real estate guidelines include policies with regard to property quality, geographic concentration, property size, property type, leverage, insurance coverage, and environmental evaluations.

The total return for real estate, net of fees, was 18.58% in fiscal year 2006 compared to 17.43% for the 2005 fiscal year. The five-year annualized net total return was 12.28% from 10.65% in the 2005 fiscal year.

#### **PRIVATE EQUITY**

Six percent of the TRS portfolio is invested in Private Equity for long-term return enhancement and diversification. Investments are made through three investment managers. These investment managers have invested in over 100 private equity partnerships focused on venture capital, buyouts, or special situations. The private equity portfolio is well diversified by strategy, industry, geography, manager, and time. Private equity policies and procedures include guidelines with regard to investment quality, diversification, investment structure, and operation of the program.

During the 2006 fiscal year, the Private Equity component of the TRS portfolio had a net return of 25.89% with a five-year annualized return of 5.01%.

#### **ABSOLUTE RETURN**

During the 2005 fiscal year the TRS portfolio began investing in absolute return strategies for additional diversification. Absolute return investments are made through three fund-of-fund managers and are 2.5% of the total portfolio. Each fund is well diversified by strategy and manager and targets a 5% real return with low correlation to equity and fixed-income markets. Absolute return policies and procedures include guidelines with regard to investment objectives, investment structure, investment quality, leverage, liquidity, strategy, manager

## Teachers' Retirement System Investment Report

concentration, risk management, and operation of the program. Absolute Return returned 10.56% over the 2006 fiscal year. This was more than the target return of 8.39%.

#### **OTHER**

The TRS portfolio is also invested in farmland and energy investments. These investments are relatively new and are focused on providing the portfolio with additional diversification. The farmland investments are made through two separate account managers responsible for assembling a well diversified portfolio. The energy investment manager is focused on creating a balanced and diversified portfolio of oil, gas, and electric investments. Collectively, farmland and energy investments represent 0.8% of the overall portfolio and had a net return of 8.54% for the 2006 fiscal year.

# Teachers' Retirement System Schedule of Investment Results Fiscal Years Ended June 30

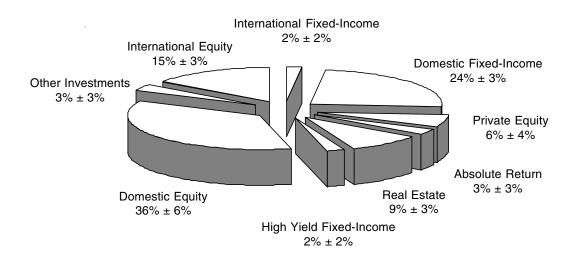
|                                 |                |         |                |                |         | Ann            | ualized        |
|---------------------------------|----------------|---------|----------------|----------------|---------|----------------|----------------|
|                                 | 2002           | 2003    | 2004           | 2005           | 2006    | 3 Year         | 5 Year         |
|                                 |                |         |                |                |         |                |                |
| Total Fund                      | (= 400()       | 0.000/  | 4= 000/        |                |         |                | <b></b>        |
| TRS                             | (5.49%)        | 3.68%   | 15.09%         | 9.01%          | 11.78%  | 11.93%         | 6.56%          |
| Actuarial Earnings Rate         | 8.25%          | 8.25%   | 8.25%          | 8.25%          | 8.25%   | 8.25%          | 8.25%          |
| U.S. Common Stock Returns       |                |         |                |                |         |                |                |
| TRS Domestic Equities           | (16.85%)       | (0.97%) | 20.06%         | 4.48%          | 9.23%   | 11.07%         | 2.44%          |
| S&P 500/Russell 2000 Composite  | (17.99%)       | 0.25%   | 19.11%         | 6.87%          | 9.67%   | 12.48%         | 3.63%          |
| , i                             | (              |         |                |                |         |                |                |
| International Stock Returns     |                |         |                |                |         |                |                |
| TRS International Equities      | (8.24%)        | (5.11%) | 31.70%         | 15.17%         | 28.80%  | 25.01%         | 11.21%         |
| Morgan Stanley Capital          |                |         |                |                |         |                |                |
| International EAFE              | (9.49%)        | (6.46%) | 32.37%         | 13.65%         | 26.56%  | 23.94%         | 10.02%         |
| , ,                             |                |         |                |                |         |                |                |
| Domestic Fixed-Income           | 0.400/         | 10.70%  | 0.010/         | 7 100/         | 0.000/  | 0.540/         | E 0.40/        |
| TRS                             | 8.16%<br>8.63% | 10.70%  | 0.61%<br>0.32% | 7.10%<br>6.80% | 0.06%   | 2.54%<br>2.29% | 5.24%<br>4.97% |
| Lehman Brothers Aggregate Index | 0.03%          | 10.40%  | 0.32%          | 0.00%          | (0.81%) | 2.29%          | 4.97%          |
| International Fixed-Income      |                |         |                |                |         |                |                |
| TRS                             | 22.56%         | 24.48%  | 7.52%          | 9.84%          | (0.26%) | 5.61%          | 12.43%         |
| Salomon Non-U.S. Government     | 15.73%         | 17.90%  | 7.60%          | 7.75%          | (0.01%) | 5.05%          | 9.61%          |
|                                 |                | / -     | , -            |                |         |                |                |
| Real Estate Equity              |                |         |                |                |         |                |                |
| TRS                             | 5.24%          | 8.97%   | 11.55%         | 17.43%         | 18.58%  | 15.81%         | 12.28%         |
| NCREIF                          | 5.60%          | 7.64%   | 10.83%         | 18.02%         | 18.79%  | 16.19%         | 13.31%         |
|                                 |                |         |                |                |         |                |                |

S&P 500 = Standard & Poor's Domestic Equity Stock Index EAFE = Europe, Australia, and Far East Stock Index

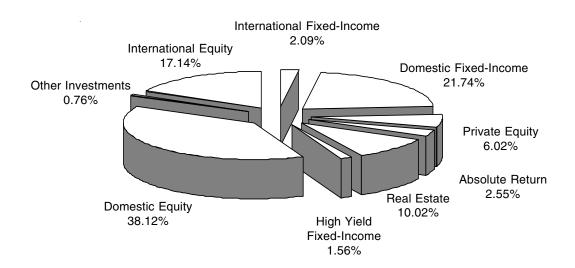
NCREIF = National Council of Real Estate Investment Fiduciaries Index

## Teachers' Retirement System Trust Fund Asset Allocation June 30, 2006

## **Policy**



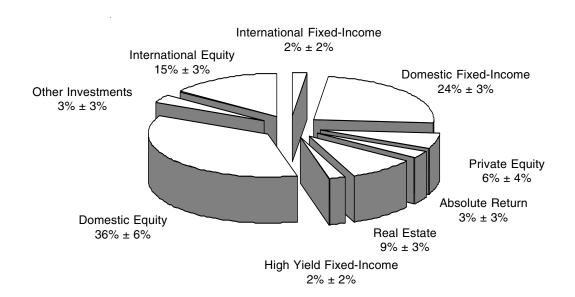
#### **Actual**



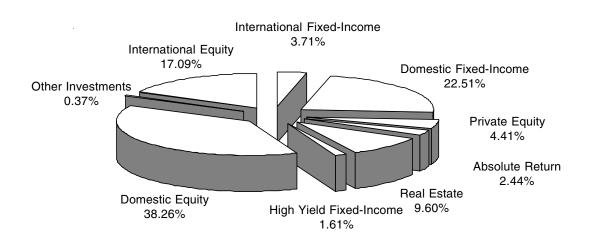
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## Teachers' Retirement System Asset Allocation June 30, 2005

## **Policy**



## Actual



## Alaska Retirement Management Board Top Ten Holdings by Asset Type June 30, 2006

Invested assets under the fiduciary responsibility of the ARMB have been commingled in various investment pools to minimize costs and maximize returns. The Treasury Division has created twelve different mutual fund-like pools to accomplish the investment asset allocation policies of the ARMB. Using investment pools increases investment efficiency in three ways. First, combining individual funds' cash inflows and outflows to offset each other reduces the amount of cash on hand needed to support daily operations. Second, pooling investments significantly reduces accounting, budgeting, and administrative costs. Finally, the ARMB can achieve economies of scale by making available investment options that could not otherwise be practically provided for smaller retirement funds. Following are the ten largest bond holdings and the ten largest equity holdings by market value as of June 30, 2006.

|          | <u>Rank</u> | Fair Value    | Par Values/<br><u>Shares</u> | Security                    | <u>Coupon</u> | Maturity  | Credit<br><u>Rating</u> |
|----------|-------------|---------------|------------------------------|-----------------------------|---------------|-----------|-------------------------|
| Fixed-   |             |               |                              |                             |               |           |                         |
| Income   | 1           | \$138,460,389 | \$138,500,000                | FNMA Discount Notes         | 0.00%         | 7/5/2006  | AAA                     |
|          | 2           | \$78,596,681  | \$60,105,000                 | U.S. Treasury Bond          | 8.50%         | 2/15/2020 | Not Rated               |
|          | 3           | \$68,606,481  | \$71,500,000                 | Federal National Mtg. Assn. | 5.50%         | 8/1/2036  | Not Rated               |
|          | 4           | \$61,082,019  | \$62,128,000                 | Federal National Mtg. Assn. | 6.00%         | 8/1/2036  | Not Rated               |
|          | 5           | \$59,425,080  | \$62,450,000                 | U.S. Treasury Notes         | 4.50%         | 2/15/2016 | Not Rated               |
|          | 6           | \$55,410,756  | \$59,300,000                 | Federal National Mtg. Assn. | 5.00%         | 8/1/2036  | Not Rated               |
|          | 7           | \$30,994,196  | \$68,000,000                 | Federal National Mtg. Assn. | 0.00%         | 10/9/2019 | Not Rated               |
|          | 8           | \$30,242,087  | \$30,261,000                 | U.S. Treasury Notes         | 5.13%         | 6/30/2008 | Not Rated               |
|          | 9           | \$28,196,688  | \$28,700,000                 | Federal Home Loan Banks     | 4.43%         | 4/7/2008  | AAA                     |
|          | 10          | \$23,993,778  | \$25,544,280                 | Federal National Mtg. Assn. | 5.00%         | 11/1/2033 | Not Rated               |
| Equities | 1           | \$124,351,488 | 3,772,800                    | General Electric            |               |           |                         |
|          | 2           | \$84,623,736  | 3,631,920                    | Microsoft                   |               |           |                         |
|          | 3           | \$82,114,398  | 1,338,458                    | Exxon Mobil                 |               |           |                         |
|          | 4           | \$66,661,646  | 1,385,897                    | Bank America                |               |           |                         |
|          | 5           | \$65,437,596  | 1,089,900                    | PepsiCo                     |               |           |                         |
|          | 6           | \$64,607,253  | 1,339,288                    | Citigroup                   |               |           |                         |
|          | 7           | \$63,669,434  | 1,062,574                    | Johnson & Johnson           |               |           |                         |
|          | 8           | \$59,815,229  | 1,012,959                    | American Int'l Group        |               |           |                         |
|          | 9           | \$54,467,928  | 979,639                      | Procter & Gamble            |               |           |                         |
|          | 10          | \$52,860,990  | 1,258,595                    | JP Morgan Chase             |               |           |                         |

Note: As of June 30, 2006, the TRS owned 31.26% of the fixed-income securities listed above and 31.16% of the equity securities listed above.

Additional investment information may be obtained from the Department of Revenue, Treasury Division, P.O. Box 110405, Juneau, Alaska 99811-0405.

| Teachers' Retirement System                 |
|---|
| <b>Schedule of External Management Fees</b> |
| Year Ended June 30, 2006                    |

| Year Ended June 30, 2006                    |                           |                    |  |  |  |
|---|---------------------------|--------------------|--|--|--|
|   | Fair Value                | <u>Fees</u>        |  |  |  |
| Investment Management Fees                  |                           |                    |  |  |  |
| Domestic Fixed-Income                       |                           |                    |  |  |  |
| Blackrock Financial Management, Inc.        | \$ 257,124,802            | 300,428            |  |  |  |
| International Fixed-Income                  |                           |                    |  |  |  |
| Mondrian Investment Partners                | <u>89,709,413</u>         | 203,667            |  |  |  |
| High Yield Pool ING Investment Management   | 33,581,942                | 167 106            |  |  |  |
| MacKay Shields, LLC                         | 33,312,991                | 167,186<br>149,721 |  |  |  |
| Total High Yield                            | 66,894,933                | 316,907            |  |  |  |
| _   | 00,094,933                | 310,907            |  |  |  |
| Domestic Equity Pool Cap Guardian Trust Co. | 120 652 270               | 261 241            |  |  |  |
| TCW Asset Management Company                | 120,652,370<br>92,538,767 | 261,241<br>699,275 |  |  |  |
| SSgA S&P 500 Index Fund                     | 620,204,423               | 93,754             |  |  |  |
| Jennison Associates, LLC                    | 58,390,892                | 469,067            |  |  |  |
| Lord Abbett & Co                            | 55,729,663                | 379,162            |  |  |  |
| Luther King Capital Management              | 40,734,226                | 240,678            |  |  |  |
| Lazard Freres                               | 120,104,748               | 426,886            |  |  |  |
| McKinley Capital Management                 | 105,975,471               | 360,517            |  |  |  |
| RCM   | 143,531,878               | 394,227            |  |  |  |
| Relational Investors, LLC                   | 91,728,996                | 1,059,303          |  |  |  |
| Russell 2000                                | 3,928,278                 | 370                |  |  |  |
| Tukman, Value                               | 91,998,416                | 512,034            |  |  |  |
| Turner Investment Partners                  | 91,442,092                | 541,066            |  |  |  |
| Total Domestic Equity Pool                  | 1,636,960,220             | 5,437,580          |  |  |  |
| Private Equity Pool                         |                           |                    |  |  |  |
| Blum Capital Partners-Strategic             | 10,553,552                | 205,511            |  |  |  |
| Blum Capital Partners-Public                | 15,245,369                | 141,835            |  |  |  |
| Pathway Capital Management LLC              | 73,769,233                | 243,784            |  |  |  |
| Abbott Capital                              | 158,940,227               | <u>360,998</u>     |  |  |  |
| Total Private Equity                        | 258,508,381               | 952,128            |  |  |  |
| International Equity Pool                   |                           |                    |  |  |  |
| Brandes Investment Partners                 | 159,864,914               | 772,473            |  |  |  |
| Cap Guardian Trust Co                       | 149,240,332               | 525,296            |  |  |  |
| Lazard Freres                               | 146,110,096               | 338,435            |  |  |  |
| McKinley Capital Management                 | 93,740,886                | 434,798            |  |  |  |
| State Street Global Advisors                | 89,733,668                | <u>421,415</u>     |  |  |  |
| Total International Equities                | <u>638,689,896</u>        | 2,492,417          |  |  |  |
| Absolute Return Pool                        |                           |                    |  |  |  |
| Mariner Investment Group                    | 35,694,455                | 459,549            |  |  |  |
| Cadogan Management LLC                      | 36,008,378                | 435,093            |  |  |  |
| Crestline Investors, Inc.                   | <u>37,638,983</u>         | <u>486,012</u>     |  |  |  |
| Total Absolute Return                       | <u>109,341,816</u>        | 1,380,654          |  |  |  |

## **Teachers' Retirement System** Schedule of External Management Fees (con't) Year Ended June 30, 2006

|  | Fair Value        | <u>Fees</u>        |
|--|-------------------|--------------------|
| Other Investment Pool                                |                   |                    |
| TCW Energy Fund                                      | \$ 12,619,823     | 131,592            |
| UBS Agrivest, LLC                                    | 14,572,806        | 66,860             |
| Hancock Agricultural Investment Group                | 5,288,679         | 19,298             |
| Total Other Investment                               | <u>32,481,308</u> | 217,750            |
| Emerging Markets Equity Pool                         |                   |                    |
| JP Morgan Investment Management                      | 44,937,216        | 267,065            |
| The Capital Group Inc.                               | <u>52,168,030</u> | 303,408            |
| Total Emerging Market                                | 97,105,246        | <u>570,473</u>     |
| Real Estate Pool                                     |                   |                    |
| J.P. Morgan Liquidity Fund                           | 396               | -                  |
| Cornerstone Real Estate Advisors                     | 55,932,583        | 328,267            |
| Lasalle Investment Management                        | 68,167,490        | 394,700            |
| Coventry Real Estate Advisors                        | 4,989,788         | 145,841            |
| Lowe Hospitality Investment Partners                 | 9,105,267         | 77,930             |
| Lowe Enterprises                                     | -                 | 109,048            |
| Tishman Speyer Real Estate Venture VI                | 13,467,035        | 76,331             |
| Rothschild Five Arrows                               | 5,717,056         | 194,825            |
| Cornerstone Rotational Fund                          | 18,233,451        | 21,858             |
| ING Clarion Partners                                 | 5,953,546         | -                  |
| Lehman Brothers Real Estate Partners                 | 9,840,185         | 688,194            |
| J.P. Morgan Strategic Property                       | 62,502,134        | 453,660            |
| UBS Brinson Consolidated Account                     | 24,809,727        | 248,741            |
| UBS Brinson Separate Account                         | 97,106,357        | 506,932            |
| Sentinel Real Estate Corporation                     | 22,917,244        | 121,109            |
| Invesco Realty Advisors                              | <del>-</del>      | <u>999,658</u>     |
| Total Real Estate                                    | 398,742,259       | 4,367,093          |
| Total  | \$3,585,558,274   | <u> 16,239,098</u> |
| Custodian State Street Corporation                   |                   | 411,393            |
| Investment Advisory                                  |                   |                    |
| Callan Associates                                    |                   | 18,166             |
| The Townsend Group                                   |                   | 74,224             |
| Total Investment Advisory                            |                   | 92,390             |
| •  |                   |                    |
| Investment Performance Measurement Callan Associates |                   | 76,579             |
| Total External Management Fees                       |                   | \$ 16,819,460      |

## Teachers' Retirement System Investment Summary Schedule June 30, 2006

|  | Asset A<br><u>Policy</u> | llocation<br><u>Range</u> | Market<br><u>Value</u>               | % of<br>Asset<br><u>Class</u>     | % of<br>Total<br><u>Assets</u>   |
|--|--------------------------|---------------------------|--------------------------------------|-----------------------------------|----------------------------------|
| Participation in Pools Owning Fixed-Income Securities Domestic   |                          |                           |                                      |                                   |                                  |
| Short-Term Retirement External Domestic  |                          |                           | \$ 516,688<br>675,922,659<br>        | 0.06%<br>72.40%<br><u>27.54</u> % | 0.01%<br>15.74%<br><u>5.99</u> % |
| Total Domestic Fixed-Income  | 24%                      | 21-27%                    | 933,564,149                          | 100.00%                           | 21.74%                           |
| International International Fixed Income Pool  | 2%                       | 0-4%                      | 89,709,413                           | 100.00%                           | 2.09%                            |
| High Yield High Yield Fixed Income Pool  | <u>2</u> %               | <u>0-4</u> %              | 66,894,932                           | <u>100.00</u> %                   | <u>1.56</u> %                    |
| Total Fixed-Income   | <u>28</u> %              | <u>21-35</u> %            | 1,090,168,494                        |                                   | 25.39%                           |
| Participation in Pools Owning Domestic Equities  |                          |                           |                                      |                                   |                                  |
| Small cap <sup>(1)</sup><br>Large cap  | 6%<br>_ <u>30</u> %      | 3-9%<br><u>27-33</u> %    | 342,763,919<br>1,294,196,303         | 20.94%<br><u>79.06</u> %          | 7.98%<br><u>30.14</u> %          |
| Total Domestic Equities  | <u>36</u> %              | <u>30-42</u> %            | _1,636,960,222                       | <u>100.00</u> %                   | <u>38.12</u> %                   |
| Participation in Pools Owning International Equities   |                          |                           |                                      |                                   |                                  |
| International Emerging Markets   |                          |                           | 638,689,896<br><u>97,105,245</u>     | 86.80%<br>                        | 14.88%<br><u>2.26</u> %          |
| Total International Equities   | 15%                      | 12-18%                    | 735,795,141                          | 100.00%                           | <u>17.14</u> %                   |
| Participation in Pools owning Alternative Investments  |                          |                           |                                      |                                   |                                  |
| Private Equity   | 6%                       | 2-10%                     | 258,508,381                          | 100.00%                           | <u>6.02</u> %                    |
| Other Investments  | 3%                       | 0-6%                      | <u>32,481,308</u>                    | 100.00%                           | <u>0.76</u> %                    |
| Absolute Return  | 3%                       | 0-6%                      | 109,341,816                          | 100.00%                           | <u>2.55</u> %                    |
| Participation in Real Estate  Mortgages, net of allowances Real Estate Pool  Total Real Estate   | <u>     9</u> %          | <u>6-12</u> %             | 32,672<br>430,261,807<br>430,294,479 | 0.01%<br>99.99%<br>100.00%        | 0.00%<br>10.02%<br>10.02%        |
| Total Invested Assets  | 100%                     |                           | \$ 4,293,549,841                     |                                   | <u>100.00</u> %                  |
| I and the second |                          |                           |                                      |                                   |                                  |

<sup>(1)</sup> Includes only securities held by those managers with small cap mandates. Does not include small cap holdings which may be held in other managers' portfolios.

## Alaska Teachers' Retirement System Recaptured Commission Fees Year Ended June 30, 2006

| Domestic      | International | T-4-1   |
|---------------|---------------|---------|
| <u>Equity</u> | Equity        | Total   |
| \$ 221,469    | 76,714        | 298,183 |

The ARMB's Commission Recapture program has been in place since 1995, first working with various brokers then switching to the State Street program in 2005. Under a commission recapture program a portion of the commissions and mark-ups on trades (placed through the State Street broker network) flow directly back to the fund.

The program allows managers to place trades for commission recapture purposes. The ARMB has established direction percentages for the managers to strive for, but is only requiring best efforts to meet them given their fiduciary obligation to achieve best execution of transactions.

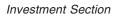
The current rebate arrangement with State Street Global Markets is: 80% of the brokerage commissions earned in executing domestic equity transactions; 72% of the brokerage commissions earned in executing domestic equity transactions via correspondent brokers; and, 60% of the brokerage commissions earned in executing international equity transactions.

## Net Securities Lending Income Year Ended June 30, 2006

| Securities lending income                     | \$<br>15,350,057 |
|---|------------------|
| Less securities lending expense               | 14,438,459       |
|   |                  |
| Net income from securities lending activities | \$<br>911,598    |
|   |                  |

Alaska Statute 37.10.071 authorizes the ARMB to lend assets, under an agreement and for a fee, against deposited collateral of equivalent fair value. The ARMB has entered into an agreement with State Street Corporation (the Bank) to lend equity and domestic fixed-income securities. The Bank, acting as the ARMB's agent under the agreement, transfers securities to broker agents or other entities for collateral in the form of cash or securities and simultaneously agrees to return the collateral for the same securities in the future.

Cash collateral is invested in a registered 2(a)-7 money market fund which is valued at amortized cost approximating fair value. The ARMB does not have the ability to pledge or sell securities collateral unless the borrower defaults, therefore securities collateral is not recorded on the financial statements.



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